



**FAI** Air Ambulance

AS OF DECEMBER 16<sup>th</sup> 2022

AROUND THE CLOCK – READY TO TAKE OFF



[www.flightambulance.com](http://www.flightambulance.com)



**FAI** a member of  
**Aviation Group**

WORLDWIDE, UNRESTRICTED AIR AMBULANCE SERVICE

## MARKET LEADER IN PATIENT TRANSPORT BY AMBULANCE JET



With over three decades of experience, using highly trained intensive care physicians, nurses and paramedics, equipped with the latest on board medical equipment and technology, FAI leads the way amongst air ambulance operators around the world. Fast response time for quotations and flight preparations, and widely recognized superior performance in airlifting ICU-patients by air ambulance jet, have made our company the pioneer in the global aeromedical aviation industry.

FAI is the most sought-after aviation partner for the Insurance and Assistance industry, for large corporations, for IGO's including ICRC (International Committee of the Red Cross), WFP (World Food Program) and for Government Agencies. We have been supporting the world's largest NGO's peacekeeping operations for more than 15 years with dedicated air services.

- ✓ CRITICAL CARE CERTIFIED BY EURAMI
- ✓ FLEET OF LEARJET 60, CHALLENGER 604 AND GLOBAL EXPRESS (BD700)
- ✓ STATE-OF-THE-ART MEDICAL EQUIPMENT
- ✓ BEST AVAILABILITY & SHORT ACTIVATION TIMES
- ✓ EXTENSIVE EXPERIENCE IN HOSTILE AREAS
- ✓ 35 YEARS IN BUSINESS
- ✓ AIR AMBULANCE COMPANY OF THE YEAR 2020 AND 2021



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## FLEET OVERVIEW



### MIDSIZE JET

## LEARJET 60

Bombardier Learjet 60 – cost effective jet with impressive range and speed, enclosed lavatory for crew and patient family members, air conditioning on ground

<b>RANGE</b>	4.450 KM ■ 2.405 NM
<b>CRUISE SPEED</b>	780 KM/H ■ 0.73 MACH ■ 420 KTS
<b>MEDICAL CREW</b>	Flight Doctor + Flight Paramedic / Nurse
<b>CAPACITY</b>	1 Intensive Care Patient or 2 Non-Intensive Care Patient



### HEAVY JET

## CHALLENGER 604

Bombardier Challenger 604 – best long-range jet in its class, heavy crew capacity for time-critical cases, equipped for virtually every critical care scenario

<b>RANGE</b>	6.850 KM ■ 3.700 NM
<b>CRUISE SPEED</b>	900 KM/H ■ 0.85 MACH ■ 488 KTS
<b>MEDICAL CREW</b>	Flight Doctor + Flight Paramedic / Nurse (Additional Med Crew Member possible)
<b>CAPACITY</b>	1 Intensive Care Patient + 1 Patient on 2nd Stretcher + 2 seated Patients



### ULTRA LONG RANGE JET

## GLOBAL EXPRESS

Bombardier Global – Superior range, spacious high-end cabin for all kind of nonstop ICU transfers, well equipped interior, lots of storage space

<b>RANGE</b>	11.140 KM ■ 6.180 NM
<b>CRUISE SPEED</b>	900 KM/H ■ 0.85 MACH ■ 488 KTS
<b>MEDICAL CREW</b>	Flight Doctor + Flight Paramedic / Nurse (Additional Med Crew Member possible)
<b>CAPACITY</b>	1 Intensive Care Patient + 1 Patient on 2nd Stretcher + up to 8 seated Patients

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## FLEET CONFIGURATION OVERVIEW

### LEARJET 60

1 Spectrum stretcher with power and oxygen



Double stretcher configuration



### CHALLENGER 604

1 Spectrum stretcher with power and oxygen

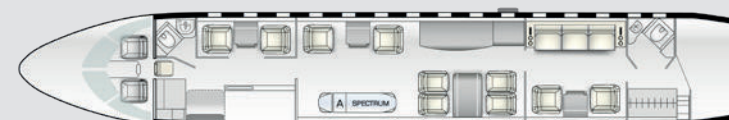


Double stretcher configuration

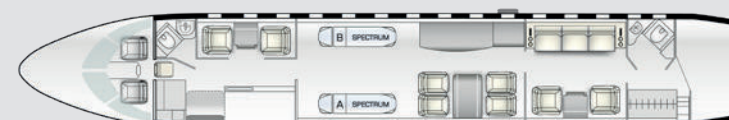


### GLOBAL EXPRESS

1 Spectrum stretcher with power and oxygen



Double stretcher configuration



ADDITIONAL CONFIGURATIONS FOR MORE STRETCHERS, SEATS OR FURTHER MEDICAL DEVICES ARE POSSIBLE ON REQUEST.

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- ✓ Spectrum Intensive Care Base
- ✓ SatCom for worldwide communication
- ✓ Zoll X Series: Multi Parameter Transport Monitor for IntensiveCare including ECG, NIBP, IBP (2-channel) | Temperature (2-channel) | etCO2 (sidestream) | Compact Defibrillator-Monitor-System with Cardiac Pacemaker

- ✓ Hamilton T1: State-of-the-Art ventilator for transport of critical care patients
- ✓ ABBOTT i-STAT: Portable Blood Analyzer for physiological status determination throughout the flight
- ✓ Babypod transport incubator I & II with Kanmed BabyWarmer | Incubator Dräger 5400 |



- ✓ Complete set of intensive care medication incl. narcotics, special medication and blood products on request
- ✓ Standard Medical and Technical Equipment
- ✓ Additional Specialized Equipment

### STATE-OF-THE-ART MEDICAL EQUIPMENT

The complete set of medical and technical equipment on board FAI Air Ambulances meets the highest international standards. In order to fulfill clients expectations, FAI has continuously expanded the scope and quality of its medical equipment and kept up with technological advances through equipment replacements.



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## OVERVIEW MEDICAL EQUIPMENT

### INTENSIVE CARE UNIT

Spectrum Aeromed intensive care unit with stretcher (adjustable backrest) and vacuum mattress | oxygen supply, compressed air and vacuum pump | 110/230V + 12/24V power supplies | Medwall with working light

### OXYGEN CAPACITY

4.000 l (per intensive care unit) plus up to 10.800 l in carbon high pressure cylinders

### RESPIRATION SYSTEM

Hamilton T1 | Hamilton H900 humidifier (adults, pediatrics, neonates)

### MONITORING

Zoll X Series | BeneView T1 (invasive and non-invasive blood pressure measurement, pulse oxymetry, capnometry, temperature measurement, ECG monitoring)

### DEFIBRILLATOR

Zoll X Series (with external cardiac pacemaker)

### SYRINGE PUMPS

Fresenius Agilia Injectomat

### INFUSION PUMPS

Fresenius Agilia Volumat

### BLOOD GAS ANALYSIS

ABBOTT i-STAT

### PORTABLE SUCTION UNITS

Laerdal LCSU 4

### EMERGENCY BAGS/BACKPACKS

Extensive equipment for emergency and intensive care (e.g. videolaryngoscop, chest tube, urinary catheter, arterial catheter, surgical instruments, coniotomy, central venous line, care products)

### MEDICATION

Standard medication for emergency and intensive care medicine | narcotics | antidotes

### PEDIATRIC EQUIPMENT

Babypod transport incubator I & II with Kanmed BabyWarmer | Incubator Dräger 5400 | intensive care backpack pediatric | additional emergency and intensive care medicine

### MOBILE PATIENT ISOLATION

EpiShuttle (only CL 604) | IsoArk N-36 | Isolation Chamber NP-320 | additional special equipment

### SPECIAL EQUIPMENT CHALLENGER 604 / GLOBAL EXPRESS

Patient loading system (loading ramp or lift) | carrying chair | scoop stretcher

### SPECIAL EQUIPMENT IF NECESSARY

ECMO transport equipment | pacemaker | wound pump | blood units | anti-decubitus mattress | heavy weight stretcher

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## TRANSPORTATION OPTION ISOLATION UNIT



SINCE THE BEGINNING OF THE COVID-19 PANDEMIC, THE FAI HAS CONSISTENTLY EXPANDED ITS TRANSPORT CAPACITIES IN THE FIELD OF PORTABLE MEDICAL ISOLATION UNITS.

- ✓ 7 units in operation (3 x EpiShuttle, 2 x IsoArk N36, 2 x IsoChamber 320)
- ✓ Medical Teams trained according to ECDC technical directives
- ✓ 520.334 miles of patient transport, 158 airports in 89 countries visited
- ✓ Customized stretcher and equipment configuration on the different types of aircraft
- ✓ Over 220 worldwide COVID+ transport flights operated
- ✓ Implementation of a transport concept for asymptomatic COVID + passengers without use of PMIU



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## MEDICAL CREW

- ✓ Certified specialist / eligible for specialty certification in a clinical specialty requiring compulsory additional intensive care training
- ✓ At least six months experience in a physician staffed emergency medical system
- ✓ Knowledge of the fundamentals of flight physiology and patho-physiology
- ✓ Participation in a special introductory course and training flight under supervision, prior to integration into the medical staff pool
- ✓ Regular participation to in-house continuing medical education program including crew resource management training
- ✓ Minimum of 12 air ambulance flights per year as a prerequisite to renewal of employment

FAI follows international guidelines for the composition of the medical crew. The crew personnel consist of specially trained physicians and nurse/paramedics, and the required qualifications as per FAI Medical Operation Manual (MOM) are main conditions for the operation.



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# FAI Air Ambulance



## FLIGHT CREW

10

aircraft in service

Besides routine check flights, our pilots undergo at least once per year regular Simulator-Check-Rides, which is more than by EASA / FAA required. All our Pilots in Command must show several thousands of flight hours in their records. That's only one of several special company regulations, that reflects that FAI pilots always are more experienced than actually required by the Civil Aviation Authorities.

> 100x

around the  
world per year

FAI's pilots all have a broad knowledge of worldwide air ambulance flight services. Among the selection criteria for hiring, the pilots must be able to document extensive experience of several years in the field of special flight services.

> 140

countries per year

WITH DESTINATIONS IN MORE THAN 140 COUNTRIES, INCLUDING HOSTILE AREAS LIKE LYBIA, IRAQ OR AFGHANISTAN, FAI AIR AMBULANCE DEMONSTRATES SAFE AND RELIABLE SERVICES.

1000

missions per year

## FAI HAS ONE OF THE BEST AIR AMBULANCE SETUPS WORLD-WIDE



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